Work Orde December-20-12	er ID 9482 ? 9:16:26 AM	4		*948					Page 1			
tem ID: Revision ID:	D3916-5			Accept	*N900	040	100)* s	etup Start	1 71	S1*	
	Light Rib		/						Stop	*N:	S2*	
Start Date:	12/25/12 S	tart Qty: 6.00	*6*	(140)	Cust Item I	D:						
Required Date:	1/11/13 R	Req'd Qty: 6.00	*6*	(///	Customer:							
Reference:	•		/``									
Approvals:	Process Plan:	Process Plan:		3 Tooling:	Da	ate:		R	lun Start	17	R1*	:
	QC:	·	Date:	SPC (Y/N):	Da	ate:			Stop	*N	R2*	
Sequence ID/ Work Center II		peration escription		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp	
Draw Nbr	Revisio	on Nbr										
D3916	Α					*						
100		-		0.00	The second secon			0.0				
100								('l'	13-0	7-ZZ	.	
Large Fab		Memo	/	0.00	y							
Large Fab		*** Make	be with manuel pipe be line at 9.00" annd use j		*							
110	C	C6- Inspect dimension	ons to drawing	0.00							- 4 -	
110		•	-			#**		(TO	7 12	ロンシー	, 09 0AS	
QC		Memo		0.00				—		<u> </u>	9-89	
Quality Control												
120	Id	dentify as per dwg &	Stock Location:	Q 4 0.00								
120				·				14x	CC	13-0	2-26	,
Packaging		Memo		0.00								

Packaging

NCR:	Yes / No	WORK ORDER NON-CONFORMANCE / UPDATE
	, , , , , , ,	

DQA:	Date:	

											QA Closed:	Date	
Work Orde	er:	,				DISPOSITION				/PROCESS			
Part No						Rework Scrap Use-as-is Work Order Update	Scrap Machining Small Finish				Pro Rec/Sto	Engineering Quality Other	
Root					Descri	ption of work order update	Ī	nitial	Ac	ction	Sign &		
Cause		Date	Step	Qty	(or Non-conformance	Ch	ief Eng	Desc	cription	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling											,		
Operator													·
Material					•								
Setup													
Other	Ш												·
Process													
Supplier													
Training													
Unapproved													
						F	AUL	T CATE	GCIRY				
Landi	ng G	Gear				General					_		_
		Bending				Bend		Grain			Ovalized		Pressure/Forced
		Centre No	t Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	Ш	Cracks				Broken/Damaged		Inspect	or Incomplete		Part Incorre	ct	Weld
	Ш	Crushed/0	Crimped.			Burrs		Instruct	ions Incomplete/	/Unclear	Part Lost/Mi	issing	Wrong Stock Pulled
		Cuffs				Contamination		Mainte	enance		Part Moved		
·	Ш	Heat Trea	t			Countersink		Mislabe	eled		Positioned V	Vrong	
	Ш	Inspection	Strip in	Tube		Cut Too Short		Misread	d		Power Loss/	Surge	Other
	Ш	Ripples in	Bend			Drill Holes		Offset		.			
		Torque W	aves in E	xtrusio	າ [Drawing		Out of 0	Calibration				
	Turning Sequence					Finish		Out of Sequence					
		Wave/Twist in Tube				Folio		Outside	Dimensions				

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Work Orde December-20-12					*94			Page 2		
Item ID: Revision ID: Item Name:	D3916-5 Light Rib	<u> </u>			Accept	*N900040100*	Setup	Start Stop	*NS1* *NS2*	
Start Date: Required Date: Reference:	12/25/12 Start Qty: 6.00 1/11/13 Req'd Qty: 6.00		*6* *6*		, , , , , , , , , , , , , , , , , , ,	Cust Item ID: Customer:				
Approvals:	Process Plan:		Date:		Tooling: SPC (Y/N):	Date: Date:	Run	Start Stop	*NR1* *NR2*	
Sequence ID/		Operation			Set Up/	Tool ID Tool # Plan A	ccept Re	ject l	Reject Insp.	

Set Up/

0.00

0.00

Run Hours

Qty

Qty

Code

Sequence ID/

130

Quality Control

130

QC

Work Center ID

Operation

Description

QC21- Final Inspection - Work Order Release

Memo

MLJ 13-02-27 MLJ 13-02-27

Number Stamp

NCR:	Yes	/	No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA:	Date:	
-		
		•

									QA Closed:	Date:					
Work Orde	er:				DISPOSITION		AGAINST DEPARTMENT/PROCESS								
Part N	lo				Rework Scrap Use-as-is Work Order Update	4 1	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite	1	Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other				
Root				Descr	iption of work order update	Initial	Ad	ction	Sign &						
Cause	Date	Step	Qty	l	or Non-conformance	Chief Eng	Desc	cription	Date	Verification	QC Inspector				
Doc/Data															
Equip/Tooling															
Operator							1								
Material			ŀ]									
Setup															
Other	_		. .												
Process															
Supplier															
Training											:				
Unapproved	<u> </u>	<u> </u>	<u> </u>												
			1			AULT CATE	GORY								
Landir T	ng Gear				General				7		-				
	Bendin				Bend	Grain			Ovalized		Pressure/Forced				
		Not Conce	ntric to	o/s	BOM/Route	Hardwa			Over/Under	 	Temperature/Cure				
	Cracks			<u> </u>	Broken/Damaged		ion Incomplete		Part Incorred	<u> </u>	Weld				
,		d/Crimped		<u> </u>	Burrs	\blacksquare	tions Incomplete	/Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled				
	Cuffs			ļ.	Contamination	Mainte			Part Moved						
-	Heat Tr			-	Countersink	Mislabe		<u> </u>	Positioned V	_	_,				
		on Strip in	Tube	<u> </u>	Cut Too Short	Misread	d		Power Loss/	Surge	Other				
-	Ripples			<u> </u>	Drill Holes	Offset									
				Drawing		Calibration									
	Turning Sequence Finish					Sequence				· · · · · · · · · · · · · · · · · · ·					
	Wave/Twist in Tube Foli				Folio	Outside	Dimensions								

December-20-12 9:16:26 AM

Work Order ID:

94824

Parent Item:

D3916-5

Parent Item Name:

Light Rib

Start Date: 12/25/12

Required Date: 1/11/13

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP RevA: new issue DD 09.11.23 verified by:EC 10.03.15 verified by:EC

IPP Rev:B as per dwg revA

	10.03.15 verified b	by:EC											
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
M304TS0.500W.049 Square Tubing		Purchased	No			100	f	1,117.4673	4.166	26.311579	00	1/3	'-02-76
				Location		Loc Qty	<u>Lo</u>	c Code					
				MAT018		4.50752							
				12	2413	4.50752							
				WA006		1112.959815							
				11	8460	0.00001534							
				12	1808	0.07							
				12	2938	527.8898				· 70	7		
				(12	3565)	585			61	<u>1,39</u> 368	4		

										DQA:	Date:				
NCR:	res / No				WORK ORDER NON-C	10:	VFOR	MANCE / UP	DATE						
										QA Closed:	Date:				
Work Orde	or.				DISPOSITION				AGAINST DE	T DEPARTMENT/PROCESS					
					Rework			Skid-tube	Crosstube	D	Water Jet	Engineering			
Part N	NO				Scrap Use-as-is		Machining	Small Fab	4	d. Eng. Coor.	Quality				
NCR N	No				Work Order Update			noforming Large Fab	Finishing Composite	Rec/Stor	re/Packaging Supplier	Other			
NCR No.					Work Order Opdate	l		raige rap	Composite	l	2uppliet				
Root				Descri	ption of work order update	Ī	nitial	Act	tion	Sign &					
Cause	Date	Step	Qty	,	or Non-conformance	Ch	ief Eng	Desc	ription	Date	Verification	QC Inspector			
Doc/Data															
Equip/Tooling															
Operator															
Material															
Setup						1									
Other						ļ									
Process				1											
Supplier															
Training]											
Unapproved															
					F/	AUL	T CATE	GCIRY							
Landi	ng Gear				General					_		_			
	Bending				Bend		Grain			Ovalized		Pressure/Forced			
	Centre No	ot Concer	ntric to	o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure			
	Cracks				Broken/Damaged		Inspecti	on Incomplete		Part Incorre	ct	Weld			
	Crushed/	Crimped.			Burrs		Instruct	ions Incomplete/	Unclear	Part Lost/Mi	ssing	Wrong Stock Pulled			
	Cuffs				Contamination		Mainte	nance		Part Moved	•	-			
	Heat Trea	t			₹					Positioned V	Vrong				

Misread

Out of Calibration

Out of Sequence

Outside Dimensions

Offset

Other

Power Loss/Surge

Ripples in Bend

Turning Sequence

Wave/Twist in Tube

Inspection Strip in Tube

Torque Waves in Extrusion

Cut Too Short

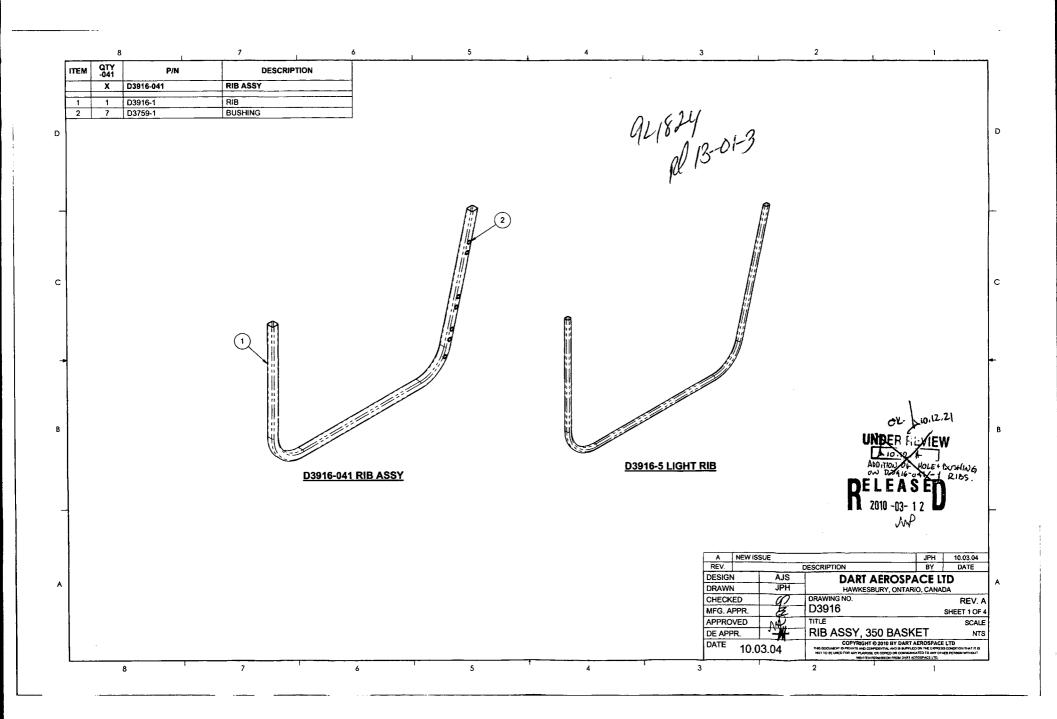
Drill Holes

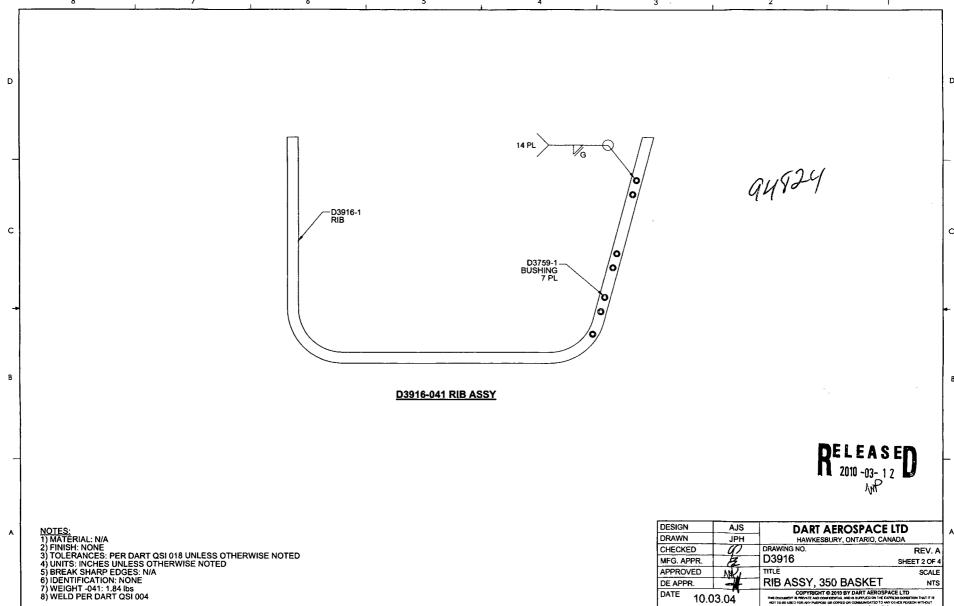
Drawing

Finish

Folio

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